

Google scholar

**Scholar** simulation large combustion engine exhaust system

**Search**

Advanced Scholar Search

Articles and patents

anytime

include citations



Create email alert Results 1 - 10 of about 1,120 (0.03 sec)

[BOOK] Design and simulation of two-stroke engines

GP Blair... - 1996 - see.org

... I have written as my own mechanical design tools, as I spend a large fraction of my ... who enthused me during my schooldays on the subject of internal-combustion engines in general ... work on the QUB SP rig which ultimately sophisticated the theoretical simulation of unsteady ...

Cited by 23 - Related articles - View as HTML - Library Search - All 15 versions

Acoustical source characterization studies on a multi-cylinder engine exhaust system

MG Prasad... - Journal of Sound and Vibration, 1983 - Elsevier

... However, they ENGINE EXHAUST SYSTEM SOURCE CHARACTERIZATION 481 preferred to use a total simulation for situations ... Internal combustion engine exhaust muffling ... Theoretical and experimental investigation of mufflers with comments on engine exhaust muffler design ...

Cited by 25 - Related articles - All 3 versions

Noise produced by unsteady exhaust efflux from an internal combustion engine

GP Blair... - SAE paper, 1973 - papers.sae.org

... Wright EJ, "Computer Simulation of Engine Gas Dynamic Processes: A Design Package," Paper 710174 presented at SAE Automotive ... Blair GP and Spechko JA, "Sound Pressure Levels Generated by Internal Combustion Engine Exhaust Systems," Paper 720155 ...

Cited by 11 - Related articles - Cited - All 2 versions

[BOOK] Acoustics of ducts and mufflers with application to exhaust and ventilation system design

ML Munjal - 1987 - books.google.com

... The text deals with the theory of exhaust mufflers for internal combustion engines of the ... 274 References 282 8. DESIGN OF MUFFLERS 8.1 Requirements of an Engine Exhaust Muffler 285 ... 8.4 Practical Considerations 289 8.5 Design of Mufflers for Ventilation Systems 301 8.6 ...

Cited by 106 - Related articles - Library Search - All 4 versions

[PDF] Design of an active exhaust attenuating valve for internal combustion engines

R Boenig... - FORTSCHRITTE DER AKUSTIK, 2001 - isra-isac.be

... of the active silencer has been carried out on a cold engine simulator ... carry out acoustical and fluid-dynamic experiments with new concepts of exhaust systems without taking ... hot and corrosive environment when directly testing on an operational internal combustion engine ...

Cited by 7 - Related articles - View as HTML - Cited - All 4 versions

[PDF] from sae.org

[PDF] from isra-isac.be

## Geometric optimization of internal combustion engine induction systems for minimum noise transmission

JS Lamanecusa - Journal of Sound and Vibration, 1988 - Elsevier

... The predominant sources of induction noise in an internal combustion engine are as follows [10]: (1 ... The diameter of the air cleaner should also be as large as possible. ... The Acoustic Simulation and Analysis of Complicated Reciprocating Compressor Piping Systems, I: Analysis ...

Cited by 12 - [Related articles](#) - [All 4 versions](#)

## Experimental investigation of in-duct insertion loss of catalysts in internal combustion engines

A Selamet, V Koftharnasi, AJ Novak... - Applied Acoustics, 2000 - Elsevier

... the sound attenuation performance of the full vehicle exhaust system of multi-cylinder internal combustion engines with a ... One such important element on the exhaust side is the catalytic converter ... study is to investigate the effect of catalytic converters on the large amplitude wave ...

Cited by 7 - [Related articles](#) - [Full Direct](#) - [All 3 versions](#)

[HTML from scielo.br](#)

## HTML Muffler modeling by transfer matrix method and experimental verification

SNY Georges, R Jordan, FA Thienne... - Journal of the Brazilian ... 2005 - SciELO Brasil

... Fortunately, a large number of transfer matrices have been theoretically developed and ... Davies, POAL, 1964, The Design of Silencers for Internal Combustion Engine, Journal of ... Kimura, MRM, 1995, Measurement and Acoustic Simulation of Vehicle Mufflers (in Portuguese), M ...

Cited by 14 - [Related articles](#) - [Cached](#) - [All 2 versions](#)

## Exhaust system for multi-cylinder engine

Y Sakuma - US Patent 4 826 635, 1980 - Google Patents

... Particu- obtained by simulation calculation in connection with larly hi an engine having a large displacement, such the ... E. setting of the connecting position will for a V-type six-cylinder internal combustion engine 11 be made in accordance with simulation calculation as for an ...

Cited by 8 - [Related articles](#) - [All 2 versions](#)

## [PDF] University of Idaho's Clean Snowmobile Design Using a Direct-Injection Two-Stroke

N Bradbury, R Schiemmeier, T Harris... - 2005 - ualweb.uidaho.edu

... have a fuel spray with a narrow cone angle, high exiting sheet velocities, relatively large droplet size, and ... Any oil that does not attach to a wall is scavenged into the combustion chamber. ... A rapid increase of engine speed would send the oil through the cylinders into the exhaust ...

Cited by 9 - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)



Create email alert

Google  
Result Page: 1 2 3 4 5 6 7 8 9 10 Next

simulation large combustion engine



Search

